

```
In [ ]: import seaborn as sns
```

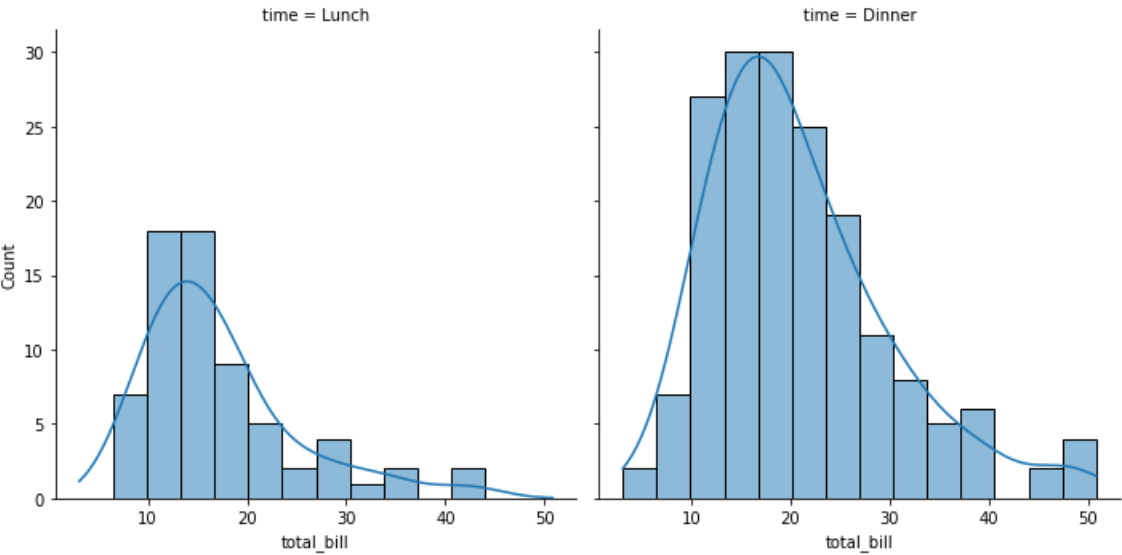
```
In [ ]: tips = sns.load_dataset('tips')
tips.head(20)
```

Out []:

	total_bill	tip	sex	smoker	day	time	size
0	16.99	1.01	Female	No	Sun	Dinner	2
1	10.34	1.66	Male	No	Sun	Dinner	3
2	21.01	3.50	Male	No	Sun	Dinner	3
3	23.68	3.31	Male	No	Sun	Dinner	2
4	24.59	3.61	Female	No	Sun	Dinner	4
5	25.29	4.71	Male	No	Sun	Dinner	4
6	8.77	2.00	Male	No	Sun	Dinner	2
7	26.88	3.12	Male	No	Sun	Dinner	4
8	15.04	1.96	Male	No	Sun	Dinner	2
9	14.78	3.23	Male	No	Sun	Dinner	2
10	10.27	1.71	Male	No	Sun	Dinner	2
11	35.26	5.00	Female	No	Sun	Dinner	4
12	15.42	1.57	Male	No	Sun	Dinner	2
13	18.43	3.00	Male	No	Sun	Dinner	4
14	14.83	3.02	Female	No	Sun	Dinner	2
15	21.58	3.92	Male	No	Sun	Dinner	2
16	10.33	1.67	Female	No	Sun	Dinner	3
17	16.29	3.71	Male	No	Sun	Dinner	3
18	16.97	3.50	Female	No	Sun	Dinner	3
19	20.65	3.35	Male	No	Sat	Dinner	3

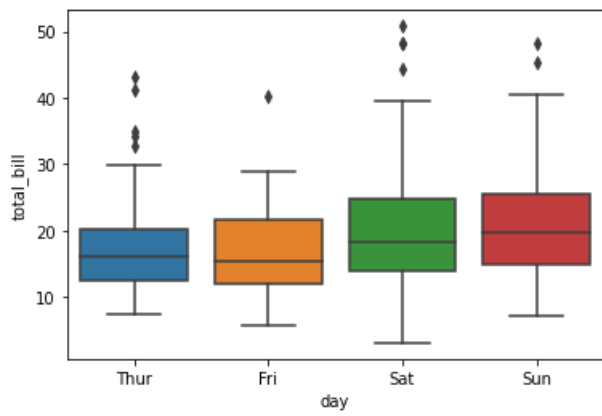
```
In [ ]: sns.displot(tips, x='total_bill', col='time', kde=True)
```

Out []: <seaborn.axisgrid.FacetGrid at 0x7fb207b3e620>



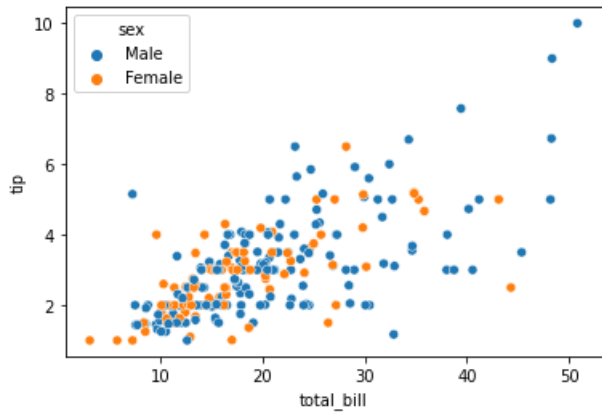
```
In [ ]: sns.boxplot(data=tips, x='day', y='total_bill')
```

Out []: <AxesSubplot: xlabel='day', ylabel='total_bill'>



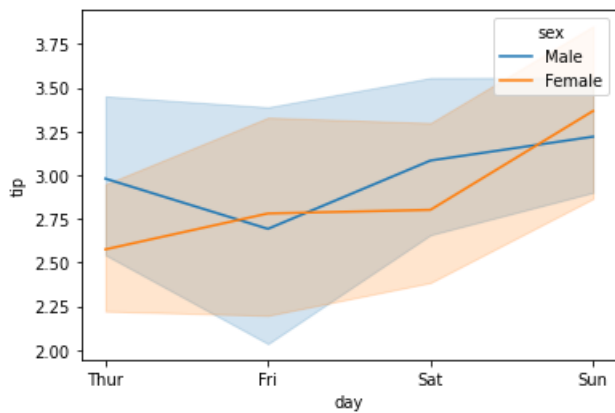
```
In [ ]: sns.scatterplot(data=tips, x='total_bill', y='tip', hue='sex')
```

```
Out[ ]: <AxesSubplot: xlabel='total_bill', ylabel='tip'>
```



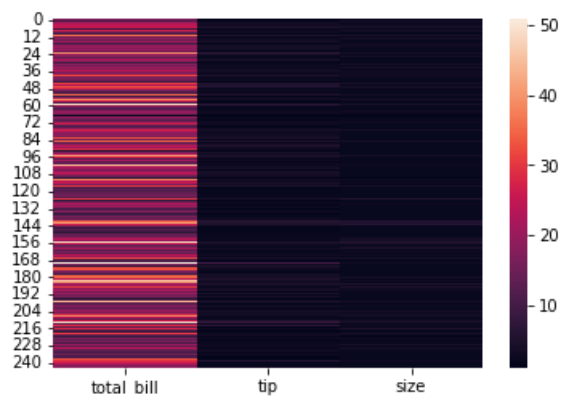
```
In [ ]: sns.lineplot(data=tips, x='day', y='tip', hue='sex')
```

```
Out[ ]: <AxesSubplot: xlabel='day', ylabel='tip'>
```



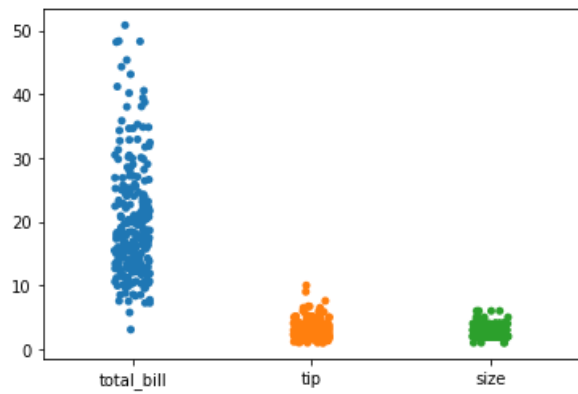
```
In [ ]: sns.heatmap(tips[['total_bill', 'tip', 'size']])
```

```
Out[ ]: <AxesSubplot: >
```



```
In [ ]: sns.stripplot(tips)
```

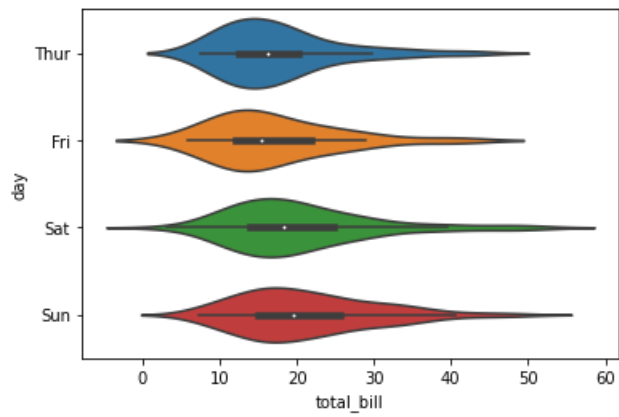
```
Out[ ]: <AxesSubplot: >
```



white dot in violinplot is the median

```
In [ ]: sns.violinplot(tips, x='total_bill', y='day')
```

```
Out[ ]: <AxesSubplot: xlabel='total_bill', ylabel='day'>
```



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In [ ]:
```